Date: Fri, 19 Mar 93 04:30:02 PST
From: Packet-Radio Mailing List and Newsgroup <packet-radio@ucsd.edu>
Errors-To: Packet-Radio-Errors@UCSD.Edu
Reply-To: Packet-Radio@UCSD.Edu
Precedence: Bulk
Subject: Packet-Radio Digest V93 #72
To: packet-radio

Packet-Radio Digest   Fri, 19 Mar 93   Volume 93 : Issue   72

Today's Topics:
activist near Austria/Germany/Linz?
Available TNC ???
DO YOU KNOW? (3 msgs)
FBB BBS software
Help with AEA-232 com port config
Kantronics KPC3 Packet Modem
Macintosh Amateur Radio Software - March 1993
need help in Poland
Need MIR packet Frequency's (4 msgs)
Packet-Radio Digest V93 #67
TCP/IP for BAYCOM (2 msgs)
TNC
Welcome to rec.radio.info!

Send Replies or notes for publication to: <Packet-Radio@UCSD.Edu>
Send subscription requests to: <Packet-Radio-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Packet-Radio Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/packet-radio".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 19 Mar 1993 07:06:31 CET
From: news.univie.ac.@!alijku11!k11111i@uunet.uu.net
Subject: activist near Austria/Germany/Linz?
To: packet-radio@ucsd.edu

The title says it all!

I am in Linz, absolutley Packet Radio novice and need
some basic advice to set up a CB Packet Radio Network.

Thanks Ed

Date: Fri, 19 Mar 1993 07:01:24 CET
From: news.univie.ac.@!alijku11!k11111i@uunet.uu.net
Subject: Available TNC ???
To: packet-radio@ucsd.edu

What types of TNC an available?
Where can I get them? (I am living in Austria, near Germany)
What are the differences between them?
How much do they cost approximately?

Please add these questions/answers to the FAQ!

Thanks ED

Date: 18 Mar 1993 19:06:43 GMT
From: usc!zaphod.mps.ohio-state.edu!saimiri.primate.wisc.edu!zazen!
news.uwsuper.edu!magoo.uwsuper.edu!pmcgilla@network.UCSD.EDU
Subject: DO YOU KNOW?
To: packet-radio@ucsd.edu

Is it legal, (FCC Wise) to run packet radio links on a privately owned commercial radio freq? An organization that I work part time for is interested in doing this for work between shops.

Thanks,

--
Patrick L. McGillan   Computer Systems Specialist
University of Wisconsin   pmcgilla@uwsuper.edu
Superior, Wisconsin 54880   Ph: (715) 394-8191

Date: 18 Mar 93 21:40:53 GMT
From: ogicse!emory!darwin.sura.net!sgiblab!a2i!davidj@network.UCSD.EDU
Subject: DO YOU KNOW?
To: packet-radio@ucsd.edu

In <pmcgilla.14.0@uwsuper.edu> pmcgilla@uwsuper.edu (PAT MCGILLAN) writes:

>Is it legal, (FCC Wise) to run packet radio links on a privately owned
>commercial radio freq? An organization that I work part time for is

>interested in doing this for work between shops.

>Thanks,

There is no such thing as a "privately owned" radio frequency. There are different rules about permissible modulation modes for each service. Generally, data transmission is considered a special mode and requires special authorization, but users in several public safety frequency groups have obtained licenses for F9 (frequency modulated data or other) transmission on top of other uses of the same channel. Refer to part 90 of the FCC rules, available at your library in section 47 of the Code of Federal Regulations. Post or email the frequency and service and I'll try to look it up if you like.

```
--
-----------------------------------------------------------------------
Josephson Engineering, San Jose California      MICROPHONES
Tel/ 408-238-6062  Fax/ 408-238-6022            INSTRUMENTATION
email:david@josephson.com
```

Date: 18 Mar 93 21:32:33 GMT
From: topaz.bds.com!topaz.bds.com!ron@uunet.uu.net
Subject: DO YOU KNOW?
To: packet-radio@ucsd.edu

> Is it legal, (FCC Wise) to run packet radio links on a privately owned
> commercial radio freq? An organization that I work part time for is
> interested in doing this for work between shops.

Yes. There are companies that will provide equipment for this. One of which is AEA which sells a PK-90 which is a commercialized version of the PK-88. AEA maintains a special number so the commercial users don't have to compete with the hams to get to the order desk.

Actually, it's frequently more cost effective just to use modems if both ends are fixed since you can now do > 9600 on dial up lines.

-Ron

Date: 17 Mar 93 23:51:50 CST
From: agate!howland.reston.ans.net!gatech!usenet.ufl.edu!tulane!agwbbs!
Angelo_Glorioso_Iii@ames.arpa
Subject: FBB BBS software
To: packet-radio@ucsd.edu

Hi ALL,

I heard that FBB V5.15 has been released. Does anyone know of a FTP site for it??? I heard it is going to be a great improvement..

Thanks In Advance

Angelo

PS: I dont have access to ARCHIE or FTP. I have to ask for help!!!

-- Via DLG Pro v0.995

Internet:angelo_glorioso_III@agwbbs.new-orleans.LA.US
  Usenet:rex!agwbbs!angelo_glorioso_III
  Packet:N5UXT @ N5UXT.#NOLA.LA.USA.NA
  Tcp/ip:N5UXT.AMPT.ORG [44.108.2.13]

Date: 19 Mar 1993 03:22:33 GMT
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!po.CWRU.Edu!
cxl24@network.UCSD.EDU
Subject: Help with AEA-232 com port config
To: packet-radio@ucsd.edu

Just recently bought an Advanced Electronic Applications Model PK-232MBX TNC. Does anyone have any idea about configuring it? What com port is it set to? I am assuming com1: but it will not respond. This may be due to the interface card in the computer. Any input would be appreciated.

Thanks in advance, C. Lind

Date: Sat, 13 Mar 1993 20:13:58 GMT
From: usc!howland.reston.ans.net!bogus.sura.net!jhunix.hcf.jhu.edu!
aplcen.apl.jhu.edu!aplcenmp!robbar@network.UCSD.EDU
Subject: Kantronics KPC3 Packet Modem
To: packet-radio@ucsd.edu

I have a friend who's got one of these KPC3 Modems, and is in need of some better software than the software that came with the modem.

Does anyone know of any PD or commercial software that can support either terminal (and file transfers) and BBS services with this type of modem?

Any information is greatly appreciated!

Robert Baruch
robbar@aplcenmp.apl.jhu.edu
robbar@pennsy.med.jhu.edu

Date: 18 Mar 93 15:51:42 GMT
From: news-mail-gateway@ucsd.edu
Subject: Macintosh Amateur Radio Software - March 1993
To: packet-radio@ucsd.edu

Macintosh Amateur Radio Software - March 1993

The information in this list was gleaned mostly from flyers supplied by the software vendors, or in some cases from reviews in amateur radio publications. Some of the information has not been verified for a long time; please check with the vendors for the latest product specs, pricing, etc.

--Collections--
MacNet
Public-domain programs (currently on 12 disks) contributed by Macintosh packet users. Includes test preparation, contest logging, propagation prediction, satellite tracking, and amateur television. Send formatted 800K Macintosh disks with stamped, self-addressed disk mailer to John D. Seney, WD1V, 144 Pepperidge Dr., Manchester, NH 03103. Contributions of public-domain programs are encouraged.

Project Mac
Contest logging, antenna design, satellite tracking, clip art, etc. Microsoft BASIC required for many of the programs. Most of this software is now available in the MacNet collection.
Send three formatted 800K Macintosh disks with stamped, self-addressed disk mailer to Stan Horzepa, WA1LOU, 75 Kreger Drive, Wolcott, CT 06716. (Compuserve: 70645,247)

Amateur Radio Software for Macintosh
Extensive catalog including logging, Morse code, gray line, test preparation, satellite tracking, contesting, and packet radio programs.
ZCo Corporation, P.O. Box 3720, Nashua, NH 03061.

Amateur Radio #1

Contains satellite tracking, Morse code, attenuator design, and Ohm's law calculator programs.

Kinetic Designs, P.O. Box 1646, Orange Park, FL 32067.

--Test preparation--

Ham Stacks (NOTE. The new question pool will be updated effective 7/1/93) HyperCard stacks containing the entire question pool for each license class. Can be used for preparation or generating actual tests.

If you wish to receive these PUBLIC DOMAIN stacks, please send a SASE (self addressed STAMPED envelope - 2 ounces postage = .52) and 800K diskette to the author: Diana L. Syriac, 3 Spruce Street, Hudson, NH 03051. I will no longer send out the stacks unless the envelope has sufficient postage for return mail (in general, that means .52-.98, depending on size of envelope) and for those who send a standard business envelope, I take no responsibility for the condition of the diskette through USnail.

Available via anonymous FTP from various sites, including uxc.cso.uiuc.edu (/pub/ham-radio). Author is available via Internet: dls@genrad.com

MacHam

Test generators and study aids for the Technician, General, Advanced, and Extra class written elements. Includes the complete question pool for each license.

Coyne Co., P.O. Box 2000-200, Mission Viejo, CA 92692.

--Morse code practice--

N6MZV Morse Trainer

Lets you practice any combination of letters, numbers, and/or punctuation characters. Can send user-created text files.

RT Martin, N6MZV, 10382 Orange Avenue, Cupertino, CA 95014. Also available via anonymous FTP from ftp.apple.com (/pub/ham-radio). Shareware.

Morse Tutor

Sends random groups of letters, numbers, and/or punctuation characters.

Available via anonymous FTP from ftp.apple.com (/pub/ham-radio). Or send formatted 800K Macintosh disk with stamped, self-addressed return disk mailer to Jack Brindle, WA4FIB, 726-175th Street SW, Bothell, WA 98012; Compuserve: 73365,606.

Morse Mania

Designed for those already familiar with Morse code who want to improve their speed. Allows code practice at various speeds and audio pitches. Can generate random sequences or play the contents of user-created text files. Freeware.

Available via anonymous FTP from whirlwind.stanford.edu (/pub). Contact Edward Plumer, KM6IQ, for more information; Internet: plumer@isl.stanford.edu.

MacMorse

Randomly sends chosen characters. Lets you create your own practice files.

David A. Kall, 700 Marine Parkway #314, New Port Richey, FL 34652.

MacMorse v1.2

MacMorse is designed to help you learn Morse code and improve your receiving speed. It has several ways that it can send letters and punctuation. Shareware.

Doug Havenhill, Dynamics and Control, 7143 West Sunnyside Drive, Peoria, AZ 85345.

MacSamuel

Sends random words, random character groups, and user-created text files. Can also create simulated QSOs with randomly generated text and callsigns.

Avant Systems, P.O. Box 5437, Pittsburgh, PA 15206.

Zihua Morse

Designed to teach Morse code to beginners and to improve the accuracy and speed of advanced users. Responses can be typed into the computer; the program will calculate accuracy and timing statistics for each session. Optional speech synthesizer reads the characters out loud for an accuracy check.

Zihua, P.O. Box 51601, Pacific Grove, CA 93950.

Sparks-II

More Code training program.

Available for anonymous ftp at rahul.net /pub/davidj/radio

--Packet and other digital modes--

Allows simultaneous TCP/IP, AX.25, and NET/ROM connections. Requires a TNC with KISS mode. Copyright, but free for noncommercial use.

Available via anonymous FTP from ftp.apple.com (/pub/ham-radio); and on the Digikron Systems, WB3FFV, and N8EMR dialup BBSs. Or send a formatted 800K Macintosh disk with stamped, self-addressed disk mailer to Doug Thom, N6OYU, 1405 Graywood Drive, San Jose, CA 95129.

Adam van Gaalen, PA2AGA, (Internet: adam@IGG.TNO.NL) has been making modifications to NET/Mac. His version is available via anonymous FTP from ucsd.edu (/hamradio/packet/tcpip/pa2aga).

IM/Mac

Mailer program for use with the SMTP protocol. Alternative to the BM program that comes with NET/Mac. Written by Ivo van Ursel, ON1XK.

Available via anonymous FTP from ucsd.edu (/hamradio/packet/tcpip/pa2aga).

SoftKiss

Control panel device that emulates a TNC running in KISS mode. For use with packet-radio modems such as the Baycom kit and PacketMac Modem. Available on the HAMNET forum of Compuserve, America Online and via anonymous FTP from akutaktak.andrew.cmu.edu (/aw0g).

Virtuoso

Terminal program that works with TNCs to display packet, RTTY, AMTOR, and CW. Features a split screen and a type-ahead buffer. Includes a word search utility, a spelling checker, and a built-in scripting language for automating routine tasks. Shareware.

Available on America Online, GEnie, and Compuserve. Also available via anonymous FTP from ucsd.edu (/hamradio/packet/misc) and other sites.

Or send a formatted 800K Macintosh disk with a stamped, self-addressed disk mailer to James E. Van Peursem,
KE0PH, Rural Route #2, Box 23, Orange City, IA 51041; Internet:
jvp@cpre1.ee.iastate.edu.

A commercial version of the program with KISS support called Savant is now available. Contact the author for more information.

MacRatt with FAX

Terminal program for use with AEA's PK-232 multimode controller. Supports packet, CW, RTTY, AMTOR, and facsimile. Includes cable.

Advanced Electronic Applications, P.O. Box C-2160, Lynnwood, WA 98036.

--RTTY--

MacTTY

Decodes Baudot or ASCII transmissions. Can also be used for packet radio and other digital modes (including landline data communications). Includes split screen, a 15,000-character type-ahead buffer, and canned messages.

Summit Concepts, Suite 102-190, 1840 41st Ave., Capitola, CA 95010.

WeFaxWorks

Weather facsimile terminal program for use with Kantronics TNCs.

Kantronics rfconcepts, 1202 E. 23rd Street, Lawrence, KS 66046.

--Logging--

Ham Radio Station Logbook

HyperCard stack that stores and displays radio contact information. Automatically stamps entries with time and date. Contacts can be sorted by frequency, call sign, or date of contact. Includes report formats, a "Q-code" reference list, and on-line help.

SanSoft, 892 E. Quail Place, Highlands Ranch, CO 80126. (The same program appears to be available from Heizer Software, 1941 Oak Park Blvd., Suite 30, Pleasant Hill, CA 94523.)

FDLog!

Contact logging and duping program. Can transmit any of ten programmable CW messages. Generates real-time statistics on QSO rates.

System One Control, 3900 85th Ave N, Suite 200, Brooklyn Park, MN 55443.

MacContest

Allows real-time or post-contest logging of a wide variety of contests. Checks for dupes, figures scores instantly, and offers various printouts. Interfaces to TNCs for CW and RTTY contests, to DX packet clusters, to Kenwood transceivers, and to MacinTalk for easy post-contest entry.

Gerald Eberle, HB9CEY, P.O. Box 13, CH-4417 Ziefen, Switzerland.

LOGic

(Macintosh version scheduled.) Lets you define the rules determining dupes (such as once per band or once per contest). Displays heading, distance, and other information about the country being worked. Automatically enters contact time; if interfaced directly to a radio, also enters the frequency, band, and mode. Shows status toward earning amateur-radio awards. User-definable database fields. Exchanges data with other programs.

Personal Database Applications, 2634 Meadow Bend Court, Duluth, GA 30136.

--Propagation, gray line, DX headings--

DX Map

Displays a map of the world with the terminator. Gives location, prefixes, zone numbers, distance, and heading for any country you select. Freeware. Requires HyperCard 2.0.

Available via anonymous FTP from joker.optics.rochester.edu (in the /ham/dxmap directory). Or send a formatted 800K Macintosh disk with a stamped, self-addressed disk mailer to Len Saaf, NV2Z, 52 Raleigh Street, Rochester, NY 14620 (Internet: saaf@joker.optics.rochester.edu).

SatTrak

Primarily a satellite tracking program, but also calculates beam headings, Maidenhead grid locations, MUF plots, and band openings. Shareware.

Available via anonymous FTP from sumex-aim.stanford.edu (/info-mac/app). Or send a formatted 800K or 14.MB Macintosh disk with stamped, self-addressed disk mailer to Mike Pflueger, WD8KPZ, 6207 W. Beverly Lane, Glendale, AZ 85306.

Sun Clock

Desk accessory. Displays a color map of the world, including the terminator. Indicates current time for any location.

MLT Software, Inc., P.O. Box 368, Portland, OR 97207.

DX Window

Draws a great-circle world map centered on your QTH, with day/night terminator indicated. Displays over 400 DX locations with prefixes and beam headings.

Engineering Systems, Inc., P.O. Box 939, Vienna, VA 22183.

Skycom 1.1

Enter solar flux and get propagation predictions to desired areas of the world.

Engineering Systems, Inc., P.O. Box 939, Vienna, VA 22183.

Skycom 1.5

Provides sunlight status at both ends of a path; MUF, F0F2, and FOT frequencies; S/N ratio of the link; and other information.

Engineering Systems, Inc., P.O. Box 939, Vienna, VA 22183.

DX Helper

Displays beam heading, distance, gray line, and propagation information. Generates great-circle maps. Identifies prefixes, zones, and oblasts. Includes code practice.

MacTrak Software, P.O. Box 1590, Port Orchard, WA 98336.

--Satellite tracking--

SatTrak

Tracks one satellite across a world map as it moves, displays the instantaneous position of several satellites, or generates tables of all satellites visible from a certain location at a given time. Also calculates beam headings, Maidenhead grid locations, and MUFs. Shareware.

Available via anonymous FTP from sumex-aim.stanford.edu (/info-mac/app). Or send a formatted 800K Macintosh disk with stamped, self-addressed disk mailer to Mike Pflueger, WD8KPZ, 6207 W. Beverly Lane, Glendale, AZ 85306.

MacSat

Tracks up to 21 satellites simultaneously, either in simulation or real-time mode. Text screen displays ground-track coordinates, range, mean anomaly, visibility (azimuth and elevation) and Doppler shift frequency information for all satellites being tracked. Graphical screen portrays the satellite ground tracks superimposed on a world map. Polar plot displays graphically the precise location of each visible satellite above the observer's horizon.

Developed by the Geodetic Research Laboratory of the University of New Brunswick.

Available from Richard B. Langley, R.R. 12, Fredericton, N.B. E3B 6H7, Canada.

OrbiTrack

Calculates look angles to selected satellites, plots current satellite positions on a world map, and displays the visible passage of a satellite against background stars (either within the program itself or via a data file that can be read into the Voyager astronomy program).

BEK Developers, P.O. Box 47114, St. Petersburg, FL 33743. (Bill Bard, CompuServe: 75366,2557) (Note: This replaces BEK's previous MacSat program, which was not related to the program of the same name from UNB.)

QuikMac
Macintosh version of N4HY's QuikTrak program. Requires Microsoft BASIC.
AMSAT, P.O. Box 27, Washington, DC 20044.

Satellite Orbit Prediction Program
Macintosh conversion of W3IWI program. Requires Microsoft BASIC.
Send formatted 800K Macintosh disk with stamped, self-addressed disk mailer to Earl Skelton, N3ES, 6311 29th Place NW, Washington, DC 20015. Or send self-addressed stamped envelope for source listing.

Satellite Pro
Uses world maps and tables to indicate rising and setting schedules, current locations, mutual visibility opportunities, and footprints. Includes Mercator, polar, and great-circle displays. Optional antenna control.
MacTrak Software, P.O. Box 1590, Port Orchard, WA 98366.

--Antenna design--
MacMiniNEC
Chris Smolinski, N3JLY, 40 South Lake Way, Reisterstown, MD 21136.

--Radio control--
ICOM Radio Control
Provides a Macintosh interface for controlling ICOM transceivers that use the CI-V remote-control system. Lets you quickly change frequencies and modes. Also does logging and duping. Requires a CI-V to RS-422 converter (schematic included with program).
KE6FG Software, 9763 Pali Avenue, Tujunga, CA 91042.

--Ham radio BBSs--
Digikron Systems BBS
Various ham-related applications, including logging, propagation, Morse code, and packet. (408) 253-1309.

MacScience BBS
Various ham-related applications, including antenna design, propagation, WEFAX, packet, and Morse code. (408) 866-4933.

N8EMR BBS
Various ham-related files, including packet, DXing, and contesting software; AMSAT bulletins; and several ham newsletters. (614) 895-2553. Also available via FTP on AMPRnet at 44.70.0.1.

WB3FFV BBS
Various ham-related software, including packet, contesting, and Morse code

applications. (410) 661-2475, 661-2598, and 661-2648.

ChowdaNet BBS
(more info at a later date)

--Online Services carrying Ham Radio software--
America Online
Supports Macintosh, PC-DOS/Windows clones, Apple //s Ham Radio Club (keyword = ham radio) supports all computer types. Software for amateur radio, scanners, swlers and general electronics. For 5 FREE hours of trial time send your snail mail address to tstader@aol.com This site NOT ftb'able. Internet e-mail.

CompuServe
Supports any communications software on most computers Ham Radio area (go hamnet) supports all types of communications formats. Call 1-800-848-8199 for information. This site NOT ftb'able. Internet e-mail.

GEnie
(more info at a later date)

Delphi
(more info at a later date)

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Misc. Internet FTP sites for Amateur Radio Macintosh software

joker.optics.rochester.edu	(/ham)
sumex-aim.stanford.edu	(/info-mac/app)
uxc.cso.uiuc.edu	(/pub/ham-radio)
ucsd.edu	(/hamradio/packet)
ftp.apple.com	(/pub/ham-radio)

If you know of any other sites, please e-mail me info so I may keep this list as up to date as possible!
- Terry

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NOTE: Much of this work was done by Patti as she collected information from many vendors. I would like to keep this list as up to date as possible. Please feel free to drop me a note if you have any additional software to this list.

```
***************************************************************
* Recompiled by Terry Stader - KA8SCP  (tstader@aol.com)      *
* Original list compiled by Patti Winter - N6BIS              *
* New information last added 3/93                             *
* some information not rechecked since early 1991.            *
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****

Date: 19 Mar 93 04:28:26 GMT
From: swrinde!gatech!asuvax!ncar!csn!ub!acsu.buffalo.edu!bowen@network.UCSD.EDU
Subject: need help in Poland
To: packet-radio@ucsd.edu

I got the attached request for packet assistance from Poland. It's a bit out of my area but I told him I would post it for him. The mail headers are a little screwed up but his address appears to be

slawiec@usctoux1.cto.us.edu.pl

If someone here could help him out I'm sure he'd appreciate it.

Devon

Date: 18 Mar 93 15:01:52 GMT
From: swrinde!gatech!howland.reston.ans.net!zaphod.mps.ohio-state.edu!uwm.edu!ogicse!psgrain!m2xenix!agora!george@network.UCSD.EDU
Subject: Need MIR packet Frequency's
To: packet-radio@ucsd.edu

Anyone remember the frequency's used by the MIR space station packet radio system?

--
George Rachor Jr. Aloha, OR

Date: Thu, 18 Mar 1993 17:48:54 GMT
From: usc!howland.reston.ans.net!zaphod.mps.ohio-state.edu!uwm.edu!grc!don@network.UCSD.EDU
Subject: Need MIR packet Frequency's
To: packet-radio@ucsd.edu

In article <C43B35.HsK@agora.rain.com> george@agora.rain.com (George Rachor) writes:
>Anyone remember the frequency's used by the MIR space station packet radio

system?
>

As I recall, they can be found on 145.550. What I don't recall is
what callsign they use. Anybody help with that?

```
--
   Donald D. Woelz                      Office Phone: 414-644-8700
   GENROCO, Inc.                        Toll Free:  800-243-6762
   205 Kettle Moraine Drive North     Office Fax: 414-644-6667
   Slinger, WI 53086   U.S.A.         24 hr Voicemail: 414-322-3891
```

Date: Thu, 18 Mar 1993 18:52:38 GMT
From: mcsun!news.funet.fi!ousrvr.oulu.fi!so-patu@uunet.uu.net
Subject: Need MIR packet Frequency's
To: packet-radio@ucsd.edu

In article <C43B35.HsK@agora.rain.com> george@agora.rain.com (George Rachor)
writes:

> Article-I.D.: agora.C43B35.HsK

> Anyone remember the frequency's used by the MIR space station packet radio
> system?

I remember they are using 145.550, same freq as with their FM simplex
qso's...as a matter of fact i have heard them on this freq, but i dont
know if they do use it nowadays...

Timo

```
--------------------------------------------------------
  Timo Patana, OH6NVG        so-patu@stekt.oulu.fi
  Tel. +358-81-344947        Mobile +358-4049-68276
```

Date: 18 Mar 93 15:56:08 EST
From: mcsun!sunic!psinntp!psinntp!arrl.org@uunet.uu.net
Subject: Need MIR packet Frequency's
To: packet-radio@ucsd.edu

In rec.radio.amateur.packet, george@agora.rain.com (George Rachor) writes:
>Anyone remember the frequency's used by the MIR space station packet radio
system?

>
>
>
>
>--
>George Rachor Jr. Aloha, OR
>

Yep. 145.55 MHz. They tend to be a bit sporadic, so it takes a little
patience. Good luck.

73...Steve
WB8IMY

Date: Thu, 18 Mar 93 02:59:53 EST
From: swrinde!gatech!nanovx!dragon!blackwlf!nj8j!ben@network.UCSD.EDU
Subject: Packet-Radio Digest V93 #67
To: packet-radio@ucsd.edu

RVGC2@vtvm1.cc.vt.edu (Ken Wieringo TV/IS Engr.) writes:

> I have a question??? Th article on SP software by dl1men
> is listed by the author as FREEWARE??
> If it is FREE there should be no requests for contributions.
> I feel this should be listed as SHAREWARE.

The term FREEWARE used to mean the same as SHAREWARE. Nowadays, it
usually means software where the author keeps the copyright, but allows
free user of the software, but I'm not too surprised to see the term used
with the old meaning.

Ben NJ8J

```
+----------------------------------------+---------------------------------+
| Ben Coleman NJ8J                       | "All that is not eternal is     |
| Packet: NJ8J@W4QO.#EAL.#ATL.GA.USA.NA |         eternally irrelevant."  |
| Internet: ben@nj8j.atl.ga.us           |                                 |
|      or   ben@nj8j.blackwlf.mese.com   |                   C. S. Lewis   |
+--------------------------------------------------------------------------+
```

Date: Thu, 18 Mar 93 03:03:14 EST
From: swrinde!gatech!nanovx!dragon!blackwlf!nj8j!ben@network.UCSD.EDU
Subject: TCP/IP for BAYCOM
To: packet-radio@ucsd.edu

lapin@casbah.acns.nwu.edu (Gregory Lapin) writes:

> Recently I got interested in getting on TCP/IP over amateur packet radio.
> I got myself an IP address and am all ready to communicate. However, I
> need some software to do the job and I would guess that the many NOS
> packages available all want to talk to external TNCs.
>
> Does anyone know of a way to get onto TCP/IP with a "Baycom" style modem?

I have seen at least one driver for NOS that will allow NOS to be used with a Baycom modem, but can't remember where I saw it. If you have FTP access, you may want to check some of the 'usual places' for finding NOS software(tomcat.nasa.gov, ucsd.edu(??)). If you have UUCP or regular dial-up software, try the WB3FFV BBS(which should be in the nixpub list).

Ben NJ8J

```
+---------------------------------------+---------------------------------+
| Ben Coleman NJ8J                      | "All that is not eternal is     |
| Packet: NJ8J@W4QO.#EAL.#ATL.GA.USA.NA |        eternally irrelevant."  |
| Internet: ben@nj8j.atl.ga.us          |                                 |
|      or   ben@nj8j.blackwlf.mese.com  |                  C. S. Lewis    |
+---------------------------------------+---------------------------------+
```

Date: Fri, 19 Mar 1993 10:42:32 GMT
From: news.Hawaii.Edu!tony@ames.arpa
Subject: TCP/IP for BAYCOM
To: packet-radio@ucsd.edu

>lapin@casbah.acns.nwu.edu (Gregory Lapin) writes:
>> Recently I got interested in getting on TCP/IP over amateur packet radio.
>> I got myself an IP address and am all ready to communicate. However, I
>> need some software to do the job and I would guess that the many NOS
>> packages available all want to talk to external TNCs.
>>
>> Does anyone know of a way to get onto TCP/IP with a "Baycom" style modem?

You can use KA9Q NOS or one of it's variants and the AX.25 packet driver. Various versions of NOS can generally be found on ucsd.edu in the hamradio/packet/tcpip directory. The Baycom style ax.25 packet driver is in hamradio/packet/tcpip/ax25.

Tony AH6BW
--
Antonio Querubin
tony@mpg.phys.hawaii.edu / ah6bw@uhm.ampr.org / querubin@uhunix.bitnet

----

Date: Thu, 18 Mar 93 16:42:38 GMT
From: pipex!doc.ic.ac.uk!cc.ic.ac.uk!ic.ac.uk!abb@uunet.uu.net
Subject: TNC
To: packet-radio@ucsd.edu

I am keen to get into the world of packet radio and rather than purchase a dedicated TNC would like to strap a modem chip on the end of one of my old computers (TRS-80 , Commodore64 or BBC B) and do the processing on board. If anybody has knowledge/experience of doing this then I'd be grateful for any advice / information you can offer.

Thanks in advance,
Alan Barnett G7OLH
please e-mail replies to a.barnett01@uk.ac.ic.cc

--

Alan Barnett (G7OLH) a.barnett01@uk.ac.ic.cc

Date: Thu, 18 Mar 1993 20:38:27 MST
From: gumby!destroyer!cs.ubc.ca!unixg.ubc.ca!kakwa.ucs.ualberta.ca!ersys!ve6mgs!rec-radio-info@yale.arpa
Subject: Welcome to rec.radio.info!
To: packet-radio@ucsd.edu

Archive-name: radio/rec-radio-info/welcome
Last-modified: $Date: 1993/02/14 09:17 $
Version: $Revision: 1.02 $

*** Welcome to rec.radio.info! ***

Welcome to rec.radio.info, a group that aims to provide a noise-free source of information and news for the entire rec.radio hierarchy.

Two introductory articles about rec.radio.info are posted to the group and to news.answers every two weeks. You are now reading the first article, which explains what rec.radio.info is, and answers some Frequently Asked Questions. The second article is titled "Submission Guidelines", and you only need to read it if you want to submit an article to rec.radio.info.

 -- What is the purpose of rec.radio.info?

The purpose or charter of rec.radio.info is to provide the Usenet community with a resource for information, news, and facts about any and all things radio.

All the other rec.radio groups are intended for discussions and general chit chat about radio. Rec.radio.info will contain informational, factual articles only. Follow-ups are redirected to an appropriate other group, and further discussion (if any) will not take place in rec.radio.info.

In order to ensure that rec.radio.info contains only appropriate articles, it was decided to create the group as a moderated newsgroup.

-- Why are messages almost always cross posted to rec.radio.info?

It provides a "tag" for each article to be assembled into a filtered presentation in rec.radio.info (even with cross-posting, only one message, with a unique Message-ID, is propogated across the net). This tag also facilitates a pre-existing method of dropping or cancelling the articles locally within the discussion groups if you don't want to see them. This accommodates individuals who want to separate the bulletins from the discussions, discussions from the bulletins, as well as those who are adamant about not reading another newsgroup and wanted to see everything all in one basket.

With the total size of Usenet (in number of newsgroups and total traffic) doubling every year or so, this is no insignificant contribution to reducing information noise and chaos. Making the discussion groups a catch-all, and making extra newsgroups filters on that catch-all, is also the most realistic way to implement such a scheme (It's not intuitively obvious what the charter, contents, and general appropriate topics for each and every newsgroup are. Seeing FAQ's and charter/intro postings in the home newsgroup is beneficial for new readers).

By cross-posting one only is adding a few tens of bytes to each bulletin (to specify the extra group on the Newsgroups line), but are adding the capability for very powerful filtering features available on most news servers and readers. Your local news guru could probably explain these features in more detail.

-- What is a 'follow-up', and what does 'moderated' mean?

If you are new to Usenet and are not familiar with the terminology, you might want to read the general introductory articles found in the newsgroup news.announce.newusers. Doing so will make your life on the net much easier, and will probably save you from making silly beginner's mistakes.

If you think that at this moment you are reading an echo, a conference, or a bulletin board, I'd also strongly suggest a trip over to news.announce.newusers.

For the rest of this article, I will assume you have a basic knowledge of Usenet terminology and mechanics.

-- OK, so now I know what 'moderated' means. Tell me more.

Rec.radio.info is a moderated newsgroup, which means that all articles submitted to the group will have to be approved by the moderator first.

The current moderator of the group is Mark Salyzyn. Submissions to rec.radio.info can be posted, or e-mailed to:

rec-radio-info@ve6mgs.ampr.ab.ca

Comments, criticisms, suggestions or questions about the group can be e-mailed to:

rec-radio-request@ve6mgs.ampr.ab.ca

But before you do so, please be sure to check out the "Submission Guidelines" article.

The influence of the moderator should be minimal and of an administrative nature, consisting chiefly of weeding out obviously inappropriate articles, while making sure correct headers etc. are used for the appropriate ones.

-- What type of material is considered inappropriate?

There are three broad categories of articles which will be rejected by the moderator:

1) Requests for information: rec.radio.info is strictly a one-way street. I receive information in my mailbox; I then post it to rec.radio.info. Requests for specific information belong in the normal discussion newsgroups. If your request gets answered, you might consider passing the answer on to rec.radio.info, though. Especially if you can edit it into a informational, rather than a discussion, format.

2) Obvious discussion articles, or articles that appear unsubstantiated.

3) Commercial stuff: a relatively unbiased test of a radio product would be accepted, but any hint of for-profit might be reason for rejection. For three reasons: This is not the purpose of the list, for-profit is a controversial topic, and this list may be passed onto Amateur Packet Radio (where for-profit is prohibited except under certain provisos).

   rec.radio.swap may be more deserving of the posting in any matter.

   Similarly, copyrighted material generally cannot be used. If it's TRULY worthwhile to the net, I would recommend obtaining permission from the copyright holder. Please note the source, and if permission was given. I reserve the right to make the final decision concerning appropriateness in all situations. In most cases, a brief summary of, or pointer to, the copyrighted information may be all I can allow.

-- I do not have access to news, how can I get the information posted to rec.radio.info?

brian@UCSD.EDU (Brian Kantor) has kindly supplied a mail list server for rec.radio.info. Non of the articles will be digested, due to their size, so you will receive individual mailings for every article posted to the group.

Mail sent to radio-info@ucsd.edu will be forwarded to the moderator and thus is an alias to rec-radio-info@ve6mgs.ampr.ab.ca

To subscribe and unsubscribe via the listserver; the format for that is

```
     sub address radio-info
     unsub address radio-info
```

where 'address' is your full mailing address. Send this request to

```
     listserv@ucsd.edu
```

Note that the server will automatically delete any address that bounces mail. If you leave the address portion blank, it will try to deduce your address from the mail headers. This may not work if you are on bitnet, milnet or some other non-Unix host, so it is recommended to put your return address in any case. For example:

```
     sub mymailbox@myhost.mydomain.mil radio-info
or
     sub MEMEME01@DMBHST.bitnet radio-info
```

or something like that.

-- Will the material appearing in rec.radio.info be archived somewhere?

Yes. Still firming up details at the moment but here is a preliminary list:

- unbc.edu as maintained by Lyndon Nerenberg <lyndon@unbc.edu>
- nic.funet.fi maintained by Risto Kotalampi <rko@cs.tut.fi>
  saved to /pub/dx/text/rec.radio.info currently stored as
  numbered files.

Effectively this means that anything you post to rec.radio.info will be permanently stored, so your work will not be lost.

-- I have a regular posting with timely information, is there a way to speed up it's delivery, or automate for more convenience?

Yes, there is! It may take a bit of chatter with the moderator, but we are willing to take responsible people and provide them the means of posting the articles directly from their site. We will try everything we can as we fully realize that DX (distant signal) and astronomical data can be somewhat transitory. We are also willing to allow regular posters of information the same courtesy, even if the information is not as timely.

We refer to this as self-moderation, which is partly based on the model for news.answer. This requires co-operation and good will to be beneficial to the community in the rec.radio hierarchy.

I suggest reading the posting guidelines for more information. I am open to suggestions.

I thank the following individuals for their input into this article:
rec.music.info moderator Leo Breebaart rec-music-info@cp.tn.tudelft.nl
rec.radio.broadcasting moderator Bill Pfeiffer wdp@gagme.chi.il.us
Paul W. Schleck, KD3FU pschleck@unomaha.edu
Ian Kluft, KD6EUI ikluft@uts.amdahl.com

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Mark Salyzyn -- Moderator rec.radio.info
Submissions to: rec-radio-info@ve6mgs.ampr.ab.ca
Administrivia to: rec-radio-request@ve6mgs.ampr.ab.ca
* Requests for information do *not* belong in rec.radio.info *

Date: Thu, 18 Mar 93 20:37:37 EST
From: @searn.sunet.se:slawiec@usctoux1.cto.us.edu.pl
>From slawiec Thu Mar 18 14:23:34 1993
From: Mariusz Slawiec <slawiec@usctoux1.cto.us.edu.pl>
X-Mailer: SCO System V Mail (version 3.2)
To: bowen@cs.buffalo.edu
Subject: pocket or ham radio for internet transmission inf. request fr. Poland
Date: Thu, 18 Mar 93 14:23:34 cet
Message-ID: <9303181423.aa00693@usctoux1.cto.us.edu.pl>

Dear Sir,

I am especially interested in establishing local area pocket or ham radio
internet transmission for a group of scientists from a university in Poland.\
I have no idea how to start such works , where to oder necessary equipment
or hardware, any suggestions and opinions how it works in he States
would be welcome.
your sincerely,

Slawiec,M.Sc.

Or please forward my request to a respecting discussing list or concerned mbody.

End of Packet-Radio Digest V93 #72
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